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1 The state of the art in locally distributed Web-server systems

 Valeria Cardellini, Emiliano Casalichio, Michele Colajanni, Philip S. Yu
June 2002 ACM Computing Surveys (CSUR), Volume 34 Issue 2

Publisher: ACM

Full text available: pdf(1.41 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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The overall increase in traffic on the World Wide Web is augmenting user-perceived response times from popular Web sites, especially in conjunction with special events. System platforms that do not replicate information content cannot provide the needed ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms distributed systems, load balancing, routing mechanisms

2 Estimating flow distributions from sampled flow statistics

 Nick Duffield, Carsten Lund, Mikkel Thorup
August 2003 SIGCOMM '03: Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

Full text available: pdf(33.29 KB)

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Passive traffic measurement increasingly employs sampling at the packet level. Many high-end routers form flow statistics from a sampled substream of packets. Sampling is necessary in order to control the consumption of resources by the measurement operations. ...

Keywords: IP flows, maximum likelihood estimation, packet sampling

3 Internet indirection infrastructure

 Ion Stoica, Daniel Adkins, Shelley Zhuang, Scott Shenker, Sonesh Surana
October 2002 ACM SIGCOMM Computer Communication Review, Volume 32 Issue 4
Publisher: ACM

Full text available: pdf(303.69 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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Attempts to generalize the Internet's point-to-point communication abstraction to provide services like multicast, anycast, and mobility have faced challenging technical problems and deployment barriers. To ease the deployment of such services, this ...

Keywords: abstraction, architecture, indirection, internet, scalable

4 Internet indirection infrastructure



Ion Stoica, Daniel Adkins, Shelley Zhuang, Scott Shenker, Sonesh Surana

August 2002 SIGCOMM '02: Proceedings of the 2002 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

Full text available: [pdf\(303.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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Attempts to generalize the Internet's point-to-point communication abstraction to provide services like multicast, anycast, and mobility have faced challenging technical problems and deployment barriers. To ease the deployment of such services, this ...

Keywords: abstraction, architecture, indirection, internet, scalable

5 Hierarchical architecture for real-time adaptive resource management

Inout Cardei, Rakesh Jha, Mihaela Cardei, Allalaghatta Pavan

April 2000 Middleware '00: IFIP/ACM International Conference on Distributed systems platforms

Publisher: Springer-Verlag New York, Inc.

Full text available: [pdf\(261.48 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 23, Citation Count: 2

This paper presents the Real Time Adaptive Resource Management system (RTARM¹), developed at the Honeywell Technology Center. RTARM supports provision of integrated services for real-time distributed applications and offers management services ...

6 Zero configuration networking



David Stirling, Firas Al-Ali

June 2003 Crossroads, Volume 9 Issue 4

Publisher: ACM

Full text available: [pdf\(72.93 KB\)](#) [htm\(28.80 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 63, Citation Count: 1

7 The transport layer: tutorial and survey



Sami Iren, Paul D. Amer, Phillip T. Conrad

December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4

Publisher: ACM

Full text available: [pdf\(261.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 99, Downloads (12 Months): 427, Citation Count: 2

Transport layer protocols provide for end-to-end communication between two or more hosts. This paper presents a tutorial on transport layer concepts and terminology, and a survey of transport layer services and protocols. The transport layer protocol ...

Keywords: TCP/IP networks, congestion control, flow control, transport protocol, transport service

8 Interworking of traders in a distributed computing environment

Michael J. Katchabaw, Meeta M. Khurana, James W. Hong, Michael A. Bauer

November 1995 CASCON '95: Proceedings of the 1995 conference of the Centre for Advanced Studies on Collaborative research

Publisher: IBM Press





Full text available: [pdf\(117.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 11, Citation Count: 0

Distributed computing systems are composed of various types of services. Providing a reliable and efficient distributed computing environment largely depends on the effective management of these services. One important aspect of managing services within ...

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